

SN 09/530,815
Art Unit 1713

IN THE CLAIMS

Please enter the following amended claims 6-17, and 19-23 in the application. Claims 18, 24 and 25 which have not been amended are included with the amended claims for the convenience of the Examiner.

Claims 1-5 (previously cancelled)

6. (Twice Amended) A polyacrylate jointing compound comprised of:

- (a) 10% to 60% by weight of at least one or more copolymers containing residues of from 85% to 98% by weight of constitutional units provided by at least one acrylate and from 2% to 10% by weight of constitutional units provided by residues of acrylonitrile, wherein the acrylate is an ester of acrylic acid and an alcohol containing 2 to 8 carbon atoms;
- (b) 0.2% to 15% by weight of at least one or more fatty compounds as a plasticizer;
and
- (c) 5% to 20 percent by weight of water;
- (d) up to 70% by weight of fillers; and
- (e) 0.3% to 5% by weight of auxiliaries

wherein said polyacrylate jointing compound is in paste form; the percent by weight being based on the weight of the jointing compound.

7. (Twice Amended) The polyacrylate jointing compound of claim 6 comprising ~~40~~ 15% to 60% by weight of the jointing compound of component (a).

8. (Twice Amended) The polyacrylate jointing compound of claim 6 comprising ~~0.2~~ 1% to ~~15%~~ 10% by weight of the jointing compound of component (b).

9. (Twice Amended) The polyacrylate jointing compound of claim 6 comprising ~~5~~ 10% to ~~20%~~ 15% by weight of the jointing compound of water.

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10. (Twice Amended) The polyacrylate jointing compound of claim 6 additionally comprising at least one component selected from the group consisting of fillers and pigments in an amount ~~up to 70%~~ of from 20% to 60% by weight of the jointing compound.
11. (Twice Amended) The polyacrylate jointing compound of claim 6 additionally comprising ~~0.3 to 5%~~ 1% to 2.5% by weight of the jointing compound of one or more auxiliaries.
12. (Twice Amended) The polyacrylate jointing compound of claim 6 comprising a copolymer of ~~85~~ 90% to 98% by weight of constitutional units provided by acrylates ~~residues~~ and ~~2~~ 4% to 40% 8% by weight of constitutional units provided by acrylonitrile ~~residues~~.
16. (Twice Amended) The polyacrylate jointing compound of claim 6 comprising a copolymer comprising constitutional units provided by butyl acrylate ~~residues~~ and constitutional units provided by acrylonitrile.
18. An improved method for joining a first substrate to a second substrate having a coefficient of thermal expansion or an elastic behavior which is different from that of the first substrate, the improvement comprising using the polyacrylate jointing compound of claim 6 to join the first substrate and the second substrate.
19. (Twice Amended) A polyacrylate jointing compound comprised of:
- (a) ~~40~~ 15% to 60% by weight of one or more copolymers comprising ~~residues of from 85% to 98% by weight of constitutional units provided by~~ at least one acrylate and ~~residues of from 2% to 10% by weight of constitutional units provided by~~ acrylonitrile, wherein the acrylate is an ester of acrylic acid and an alcohol containing 2 to 8 carbon atoms;

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- (b) ~~0.2~~ 1% to ~~15%~~ 10% by weight of at least on ~~or more~~ fatty compounds selected from the group consisting of fatty acids, fatty alcohols and derivatives thereof;
- (c) one or more additional components selected from the group consisting of fillers and pigments, in an amount ~~not greater than 70%~~ of from 20% to 60% by weight.
- (d) ~~0.3~~ 1% to ~~5%~~ 2.5% by weight of one or more auxiliaries; and
- (e) ~~5~~ 10% to ~~20%~~ 15% by weight of water;

wherein said polyacrylate jointing compound is in paste form; the percent by weight being based on the weight of the jointing compound.

20. (Twice Amended) The polyacrylate jointing compound of claim 19 wherein (a) is at least one copolymer comprising ~~85~~ 90% to 98% by weight of constitutional units provided by acrylate residues and 2% to ~~10%~~ 8% by weight of constitutional units provided by acrylonitrile residues.

23. (Twice Amended) The polyacrylate jointing compound of claim 19 comprising a copolymer comprising constitutional units provided by butyl acrylate ~~residues~~ and constitutional units provided by acrylonitrile ~~residues~~.

24. An improved method for joining a first substrate to a second substrate having a coefficient of thermal expansion or an elastic behavior which is different from that of the first substrate, the improvement comprising using the polyacrylate jointing compound of claim 19 to join the first substrate and the second substrate

25. A process for producing the polyacrylate jointing compound of claim 6 comprising:

- 1) forming a mixture of component (b) and component (a):
- 2) adding with mixing components (c) and (d) in any order; and
- 3) adjusting viscosity of the jointing compound if necessary, by addition of water.